

Solution of the Inverse Diffraction Problem,
by D. Ya. Petrina, 5 pp.

RUSSIAN, per, Ukrainskiy Matemat Zhur,
Vol XII, No 4, 1960, pp 476-479.

MDF P-165

9093077

157205

Sci
Nov 61

Approximate Solution of Linear Operator Equations in a Banach Space by Yu. D. Sokolov's Method, by A. Yu. Luchka.
RUSSIAN, per, Ukrainskii Matematicheskii Zhurnal,
Vol 13, No 1, 1961, pp 39-52. P911-10167
AEC ANL-tr-396

Sci/Math
Feb 67

318,531

(SF-1878)

Nikolay Ivanovich Muskhelishvili, by G. N. Savin,
7 pp.

RUSSIAN, par, Ukrain skiy Matemat Zhur, Vol XIII,
No 1, 1961, pp 119-123.

JPRS 4780

USSR

Biog

Aug 61

162,151

MONSTEADY-STATE OSCILLATIONS OF NONLINEAR
SYSTEMS WITH GYROSCOPIC MEMBERS TAKING INTO
ACCOUNT COUPLING TO A LOW-POWER SOURCE, BY
V. A. GROBOV, 5 PP.

UKRAINIAN, PER, UKRAIN MATEMAT ZHUR, VOL XIII,
NO 2, 1961, PP 220-223. 9678081

FTD-TT-62-472

SCI - PHYS
SEP 62

209,694

Method of Displaying Equipotential Lines, by
A. G. Tarapon.

RUSSIAN, per, Ukrainskii Matematicheskii
Zhurnal, Vol 14, No 4, 1962, pp 432-435.
NTC-70-13212-12A

Feb 72

Gokhberg, I. Ts. and Krein, M. G.
TRANSFORMATIONS OF KERNELS OF INTEGRAL
EQUATIONS AND THEIR INFLUENCE ON THE
SPECTRA OF THESE EQUATIONS (O Vliyani
Nekotorykh Transformatsii Yader Integral'nykh
Uravnenii na Spektry Etikh Uravnenii)
H. P. Thielman, tr. 1964, 33p 12refs
Order from AMS in American Mathematical Society
Translations, 1964, ser. 2, v. 35, p. 263-295

Trans. of Ukrain[skii] Mat[ematicheski] Zh[urnal]
(USSR) 1961, v. 13, no. 3, p. 12-38.

(Mathematics, TT, v. 12, no. 2)

TT-64-22134 (p. 263-295)

I. Gokhberg, I. Ts.
II. Krein, M. G.
III. American Mathematical
Society,
Providence, R. I.

Office of Technical Services

SOLUTION OF THE EQUATIONS OF AN EQUILIBRATED
GYROSCOPE BY THE METHOD OF NEUTRALIZATION, BY
R. M. BORODINA, 7 PP.

RUSSIAN, PER, UKRAIN MATEMAT ZHUR, VOL XIII, NO 3,
1961, PP 97-100. 9678203

FTD-TT-62-609

SCI - ELECTRON
12 OCT 62

2212,818

On the Numerical Decomposition of a System of
Linear Ordinary Differential Equations, by
S. F. Fescenko, L. D. Nikoenko.

~~EXTRAORDINARY~~

UKRAINIAN, per, Ukrain skiy Matemat Zhur, Vol XIII,
No 3, 1961, pp 109-113.

*Redstone Arsenal

Sci - Math & Data Proc
June 63

S-883/62

~~DC-8323~~ DC-8323

Science - A Weapon for Building Communism.

RUSSIAN, per, Ukrainskiy Matematicheskiy Zhur, Vol
XIII, No 4, 1961, pp 3, 4.

*JPRS

Sci - Misc
Dec 62

A Method for the Approximate Solution of Systems
of Linear Integral Equations, by Yu. D. Sokolov.
RUSSIAN, per, Ukrainskii Matematicheskii Zhurnal,
Vol 13, No 4, 1961, pp 79-87. P911011967
AEC ANL-tr-394

Sci/Mathematical Sci
Feb 67

318,523

(NY-6502)

On An Algorithm Defining the Equivalent
Initial Conditions for Linear Nonhomo-
geneous Differential Equations With Con-
stant Coefficients, by A. D. Myshkie,
P. I. ~~SM~~ Chinayev, 6 pp.

RUSSIAN, per, Ukrain Matemat Zhur,
Vol XIII, No 4, 1961, pp 104-109.

JPRS 13221

Sci - Phys

190,006

Apr 62

Wave Motions of ~~the~~ an Ideal Fluid in Vessels Having the
Shape of Bodies of Revolution, by I. A. Lukovskiy,
10 pp.

RUSSIAN, per, Ukrain Matemat Zhur, Vol XIV, No 2, 1962,
pp 160-169.

CIA/FDD XX-1209

NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Jul 62

USIB INTERNAL USE ONLY

202,894

Application of Markov Processes in the Statistical
Theory of Stability of Shells, by V. M. Goncharenko,
6 pp.
UKRAINIAN, per, Ukr Mate Zhur, Vol XIV, No 2,
1962, pp 198-202.
CIA/FDD X-5485

Sci - Phys
Nov 64
FOR OFFICIAL USE ONLY

269,311

Concerning the Existence and Characteristics of
the Integral Multiformality of a System of Differ-
ential Equations With a Lagging Argument, by
V. I. Fodchuk.

RUSSIAN, per, Ukrain Matemat Zhur, Vol XIV, 1962,
pp 227-231.

NASA TT F-8327

229,231

Sci -
Apr 63
US GOV'T ONLY

AUTOMATA AND EVENTS, BY V. G. BODNARCHUK, 34 PP.

RUSSIAN, PER, UKRAINSKIY MATEMATICHESKIY ZHURNAL,
VOL XIV, NO 4, OCT 1962, PP 351-361.

JPRS 17879

SCI - MATH

MAR 63

224,106

A Study of Nonlinear Oscillatory Systems with
Many Degrees of Freedom in the Presence of
Random Perturbations, by V. G. Kolomiyets,
6 pp.

RUSSIAN, per, Ukrainskiy Matematicheskiy
Zhurnal, Vol 14, No 1, 1962, pp 407-411.

P100256268-V

FTD-HT-23-772-67

Sci-Physics
Oct 68

366,164

A Method for the Approximate Solution of a System
of Nonlinear Integral Equations With Constants
Limits, by Yu. D. Sokolov.

RUSSIAN, per, Ukrainskii Matematicheskii Zhurnal
Vol 15, No 1, 1963, pp 58-70. *Pg 11/29066*

AEC ANL b 369

EDC 15 Oct 66

Sci/Mathematicas Sci
Sep 66

The Global Behavior of Solutions of High-Order
Differential Equations, by A. M. Krasnodembskiy,
RUSSIAN, per, Ukrain. Mat. Z., Vol XV, 1963,
pp ~~EX~~ 205-213.
Am Math Soc
Vol LIV, Ser 2

Jan 67

316,791

Vcherashnyuk, P. P.
ON THE MOTION OF AN ARTIFICIAL EARTH'S
SATELLITE RELATIVE TO THE CENTER OF MASS.
[1963]. Sp 3refs
Order from OTS, SLA, or ETC \$1.10 TT-64-10508

Trans. of Ukr[ainaki] Mate[maticheski] Zh[urnal]
(USSR) 1963, v. 15, no. 3, p. 305-309.

DESCRIPTORS: *Satellites (Artificial), Motion,
Gravity, *Celestial mechanics, *Equations of motion,
Euler's angle.

CIA/FDD X-5298

FOR OFFICIAL USE ONLY

(Engineering--Satellite Vehicles, TT, v. 11, no. 8)

TT-64-10508

I. Vcherashnyuk, P. P.

Office of Technical Services

Shulezhko, L. F.
INVESTIGATION OF THE DYNAMIC STABILITY OF
A CYLINDRICAL SHELL UNDER THE EFFECT OF
HIGH-FREQUENCY AXIAL. [1964] 7p 6refs
Order from OTS, SLA, or ETC \$1.10 TT-64-10811

Trans. of Ukr[ainaki] Mate[maticheskii] Zh[urnal]
(USSR) 1963, v. 15, no. 3, p. 338-343.

X-5319

(Mechanics, TT, v. 12, no. 2)

TT-64-10811

I. Shulezhko, L. F.

Office of Technical Services

CR-162

Aleksandr Yul'yevich Ishlinskiy
(50th Birthday), by G. N. Savin,
Yu. D. Sokoletov, et al.
RUSSIAN, per, Ukrain Matemat Zhur, No 3,
1963, pp 922,302.

*JPRS/SPECIAL/NY-9711

USSR
Biog
Apr 65

Criteria for Completeness of the Systems of
Root ~~XXXXXXXX~~ Vectors of a Contraction, by
I. C. Gohberg and M. G. Krein,
RUSSIAN, per, Ukrain. Mat. Z., Vol XVI, 1964,
pp 78-82.
Am Math Soc
Vol LIV, Ser 2'

Jan 67

316,798

Spectral Analysis of Volterra Operators Defined on
the Vector-Function Space $L_m^2[0,1]$, by
L. A. Sahnovic, 12 pp
RUSSIAN, per, Ukrain, Mat. Z., Vol. 16, 1964
pp 259-268
Amer Math Soc Tr,
Vol 61, Series 2

337,018

Sci - Math
Sep 67

Extension of a Theorem of N. N. Bogolubov
to the Case of a Hilbert Space, by E. F. Sirchenko.
RUSSIAN, per, Ukrain Matemat Zhur, Vol XVI,
No 3, 1964, pp 339-350.
*Navy/APL J450

Sci - Math & Data Proces
Oct 64

A Method of Solving a Boundary-Value
Problem for a Linear Second-Order
Differential Equation, by I. F. Gredzhuk.
RUSSIAN, per, Ukrain Mat Zhur, Vol XVI,
No 3, 1964, PP 375-382.
Dept of Navy 4822/APL/JHU TG 230-T482

Sci - Math Sci
Oct 66

312,845

Generalization of a Theorem of Bogolyubov to
the Case of Hilbert Space, by Z. F. Sirchenko.
RUSSIAN, per, Ukrainskii Matematicheskii Zhur-
nal, Vol 16, No 3, 1964, pp 339-350.
Dept of Navy/ AFL/JHU T-2039

Sci-Math
Oct 67

343,006

On the Numerical Solution of Boundary-value
Problems for Elliptic Differential Equations
with Constant Coefficients, by V. I. Didenko,
I. M. Iyashenko.

RUSSIAN, per, Ukr Mat Zhurnal, Vol 16, No 5,
1964, pp 681-690.

Dept of Navy APL/JHU CIB-3 T-594

Sci-Math
Oct 69

393,320

On the Uniqueness of the Solution of the Cauchy
Problem for a Differential Equation with Constant
Coefficients, by N. N. Chaus,
RUSSIAN, per, Ukrainskiy Matematicheskii Zhurnal,
Vol XVI, No 3, 1964, pp 417-421.
Dept of Navy 5075/APL T-1958

Sci-Math
Dlc 66

315,538

A Continual Analogue of the Sone Theorems on Toeplitz
Matrices, by N. I. Ahiezer, 21 p.

RUSSIAN, per, Ukrainskiy Matematicheskiy Zhurnal,
16, 1964, pp 445-462.

Am Math Soc
Vol L, Ser 2

Sci-Math
Jun 66

302,580

Numerical Solution of Boundary-value Problems for
Elliptical Differential Equations with Constant Coefficients,
by V. I. Didenko, I. N. Lyashenko.
UKRAINIAN, per, Ukrain Mat Zhur, Vol XVI, No 5, 1964,
pp 681-690.

*Dept of Navy APL/JHU J580

Sci - Phys
Jul 65

284,277

Infinitesimal Bendings of Surfaces With an Edge
Under Certain Boundary Conditions, by V. T. Fomenko,
RUSSIAN, per, Ukrainskii Matematicheskii Zhurnal,
Vol 16, No 5, 1964, pp 699-704.
Dept of Navy APL/JHU T-635

Sci-Math
Jan 71

Normal Solvability and the Index of the Boundary-value Problem for a First-order Elliptic System on an Orientable Surface With a Boundary, by A. B. Yudanina.

RUSSIAN, per, Ukrainskii Matematicheskii Zhurnal, Vol 16, No 5, 1964, pp 704-709.

Navy tr 5243 APL/JHU TG230-T509

Sci/Mathematical Sci
Mar 67

320,652

Krivosheeva, I. T.
WIND-WAVE REGIME OF KAKHOVSKII RESERVOIR
J. S. Sweet, tr. Nov 63, 8p 1ref
Order from AGU \$7.50 in Soviet Hydrology: Selected
Papers, 1963, no. 1 (p. 64-71)

Trans. of [Ukrainskii Nauchno-Issledovatel'skii
Gidro-Meteorologicheskii Institut. [Trudy] (USSR) 1963,
v. 39, p. 63-72.

DESCRIPTORS: Dams, *Wind, Water waves, *Lake
waves, Data, Physical properties, Measurement,
*Hydrology, Meteorology.

(Earth Sciences, TT, v. 11, no. 7)

TT-64-12443-1 (p. 64-71)

- I. Krivosheeva, I. T.
- II. American Geophysical
Union, Washington, D. C.
- III. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Some Results of Experimental Investigation
of the Structural Characteristics of Air
Flow in the Surface Boundary Layer of the
Atmosphere, by N. M. Galadzhii,
A. R. Konstantinov, et al, 15 pp.
UKRAINIAN, per, Ukrainskiy Nauchno-
Issledovatel'skiy Gidrometeorologicheskii
Institut, No 41, 1964, pp 87-94.
P100068267
FTD TT 65-2036

Sck-Phys
Mar 67

320,723

Composition of the Products from Oxidation of
Paraffin, by L. I. Slonimskiy,
G. I. Mikhaylenko.

RUSSIAN, per, Ukrainskiy Nauchno-Issled, Inst
Maslozhirovoy Prom, Kharkhov, Sbornik Stastey
o Rabotakh, No 3, 1958, pp 88-92.

NTC-69-13161-07C

Sci-Chem

Sept 69

391,682

Ionic and Covalent Radii of Cations in Oxides,
by E. V. Ermolaeva, I. V. Skorobogatova,
RUSSIAN, per, Ukrainskii Nauchno-Issledovatel'skii
Institut Ogneuporov. Sbornik Nauchnykh Trudov,
No 5, 1961, pp 303-314.
NTC 71-13923-07D

Feb 72

Stepnik and Kalushin Potassium Salts as Fertilizers
for Agricultural Crops of Wood Districts and Forest
Steppes in the Ukrainian SSR, A. M. Vishinskiy
by

RUSSIAN, per, Ukrain Nauch-Issled Inst Sotsialist
Zeml Trudy, Vol VI, 1951, pp 148-171. CIA D
43227

USDA

USSR
Scientific - Biology
Economic

32,685
32818

Telenga, N. A.
METHODS OF IMPROVING CHEMICAL PEST CON-
TROL IN DIRECTION OF PRESERVING USEFUL
ENTOMOPHAGES. [1961] [9]p. 5 refs.
Order from OTS or SLA \$1.10 61-23712

Trans. of [Ukrayins'kyi Naukovo-Doslidnyi Instytut
Zakhystu Roslyn. Nauchn'e Trudy] (USSR) 1959, v. 8,
p. 5-15.

DESCRIPTORS: *Pest control, Chemicals, Insects,
Preservation, *Insecticides, Pesticides.

(Agriculture--Plant Cultivation, TT, v. 10, no. 6)

61-23712

1. Title: Entomophages
- I. Telenga, N. A.
- II. Translations, New York

Office of Technical Services

Nevkryta, A. N.
INFLUENCE OF DENSITY OF SOIL ON DEVELOP-
MENT OF MUSCARDINOSIS IN THE BEET WEEVIL
(BOTHYNODERES PUNCTIVENTRIS). [1961] [6]p.
4 refs.

Order from OTS or SLA \$1.10

61-23035

Trans. of [Ukrayins'kyi Naukovo-Doslidnyi Instytut
Zakhystu Roslyn, Nauchnye Trudy] (USSR) 1959, v. 8,
p. 43-49.

DESCRIPTORS: *Soil, Parasites, *Beets, *Coleoptera,
*Fungi, Pest control, Density, Insect control.

It is shown that any deviation from the optimum soil
density evokes intensified muscardinosis. Apparently,
these conditions bring about a transition from a latent
to an active symbiotic form of muscardine. The in-
fluence of the soil density on the development of
(Agriculture--Plant Cultivation, TT, v. 10, no. 5)
(over)

61-23035

- I. Title: Muscardinosis
- I. Nevkryta, A. N.
- II. Translations, New York

Office of Technical Services

Zakharchenko, N. L.

UTILIZING GREEN MUSCARDINE AND LINDANE IN
CONTROLLING THE LARVAE OF THE SUGAR-
BEET WEEVIL. [1961] [7]p.

Order from OTS or SLA \$1.10

61-23714

Trans. of [Ukrayins'kyi Naukovo-Doslidnyi Instytut
Zakhvatu Roslyn. Nauchnye Trudy] (USSR) 1959, v. 8,
p. 50-56.

DESCRIPTORS: *Fungi, *Pest control, Parasites, In-
sect control, *Beets, *Coleoptera, *Insecticides.

The paper reports the results of a preliminary test of
the use of the causative agent, the green muscardine
fungus *Metarrhizium anisopliae* Metach, and lindane in
controlling the larvae of the sugar-beet weevil. Intro-
ducing a biological preparation of the two into the soil
results in a substantial increase in muscardinosis and
(Agriculture--Plant Cultivation, TT, v. 10, no. 5)
(over)

61-23714

I. Title: Lindane

I. Zakharchenko, N. L.

II. Translation, New York

Office of Technical Services

Komosko, N. S.
EFFECTIVENESS OF ORDINARY TRICHOGRAMMA
(TRICHOGRAMMA EVANESCENS WEST) IN DESTROY-
ING EGGS OF TURNIP MOTH. [1961] 6p.
Order from OTS or SLA \$1.10 61-23036

Trans. of [Ukrayins'kyi Naukovo-Doslidnyi Instytut
Zakhystu Roslyn. Nauchnye Trudy] (USSR) 1959, v. 8,
p. 131-136.

DESCRIPTORS: Effectiveness, *Hymenoptera, *Eggs,
*Lepidoptera, Pest control, *Insect control, Vegetables
Plants (Botany).

(Agriculture--Plant Cultivation, TT, v. 10, no. 5)

61-23036

1. Title: Trichogramma
2. Title: Turnips
- I. Komosko, N. S.
- II. Translations, New York

Office of Technical Services

Influence of Managanese and Boron on Carbohydrate Metabolism in Grape Vines, by O. I. Merezhko, 7 p.

RUSSIAN, per, Ukrainska Respublikanska Naukova Konferentsiya Molodykh Uchenych v Haluzi Fiziolohiy Roslyn. Fizioloho-Biokhimichiy Osnovy Pidvyshchennya Peoduktyvnosti Roslyn; Pratsi, Vol I, 1963, pp 127-130.

SLA TT 65-13294

Sci-B&M

Jun 66

303,661

(FDD 25896)

Ribo- and Desoxyribonuclease Activity of the
Skin, by M. F. Liphon, N. I. Kerova, 14 pp.

UKRAINIAN, qu par, Ukrainskiy Pick, Vol XXVI,
No 3, Kiev, 1954, pp 270-270

CIA/FDD/U-7841

32,158

USSR

Sci - Medicine, biology, biochemistry

UKRAINIAN POLES'YE, 9 PP. *by O. M. Marinich.*

UKRAINIAN, BK, UKRAINS'KE POLISSYA, 1962, PP 141-157.

JPRS 20946 *Kien*

USSR
ECON
SEP 63

343,216

R-165-62

Consolidated Indicators of Value of Buildings and Communications Installations for Reevaluation of Fixed Capital, by N. I. Monakhov, (SF-2230).

RUSSIAN, bk, Ukрупnennykh Pokazateley Stoimosti Zdaniy i Sooruzheniy Svyazi dlya Pereotsenki Osnovnykh Fondov, No 25, 1959, pp 1-~~54~~.

158.
*JPRS

USSR
Econ
9 May 62

ULAN-UDE -- CAPITAL OF SOVIET BURYATIYA, BY
TS. TS. DONDUKOV, 28 PP.

RUSSIAN, BK, ULAN-UDE, ~~88~~ STOLITSA SOVETSKOY
BURATII, 1961, PP 41-66, 78-87, 93, 102, 103,
111, 114, 115, 120, 122, 123, ~~124~~ 127-130

JPRS 19180

USSR-ECON
MAY 63

Army Map Service 231,069
Extracts
(Call No. DK 651 U36 D6 Eng tr)
(2182)

Preparation of Low-Freezing-Point Oils by
Deparaffining With Carbamide, by N.G. Mitrofanov,
O.A. Artem'yeva. 6 pp.
RUSSIAN, bk. Uchskaniye Kachestva i Sovershen-
stvovaniye Proizvodstva Smazochnykh Masel,
Moskva, 1963, pp 173-176. 9700300
FTD-TT-65-1509

Sci/M&M
May 66

300,524

J-544/60

(NC-3724).

Streets of the City of Vil'nyus,

RUSSIAN, bk, Ulitsy Goroda Vil'nyusa, 30 pp.

*JPRS/SPECIAL

USSR

Geographic - Urban

May 60

BU

S-309/61

(DC-5957).

Bactericidal Irradiation Produced by Natural
Ultraviolet Radiation Under Contaminated Atmosphere
Conditions, by D. M. Tyukov,

RUSSIAN, bk, Ul'trafiioletovaya Radiatsiya i ee
Gigiyenicheskoye Znachenie: Sbornik Trudov, Institut
Radiatsionnoy Gigiyena, 1959, pp 48-55.

*JPRS

Sci - Biol

12 May 61

B-304/61

DC-5958.

The Effect of Bactericidal Irradiation on the
Virulence of Microorganisms, by R. S. Mostova,

RUSSIAN, bk, Ul'trafioletovaya Radiatsiya i ee
Gigiyenicheskoye Znachenie: Sbornik Trudov,
Lenin Institut Radiatsionnoy Gigiyeny, 1959,
pp 150-157.

*JPRS

Sci - Bio|

12 May 61

1074-D

Ultraviolet Radiation and Hygiene, 161 pp.

RUSSIAN, bk, Ul'trafioletovoye Vozdeystviye i
Gigiyena, Moscow, 1950.

1361-D

US JPRS L-2500-0

Sci - Medicine
Jan 59

79,388

Table of Contents

Ultraviolet Radiation; Sources, Measurement, Hygienic
and therapeutic Use, by G M Frank, Ed.

RUSSIAN, bk, Ul'trafiolstovoe Izluchenie; Istochniki,
Izmerenie, Gigienicheskoe i Lechebno-Profilakticheskoe
Primenenie, 1958, 298 pp.

*USDA

Sci -
Sep 60

(NY-4895).

Ultrasound in Biology, by Isaak Yefimovich
El'piner, 76 pp.

RUSSIAN, bk, Ul'trazvuk v Biologii, 1960, pp 1-40.

JPRS 7514

Sci - Biol
25 Jan 61

138,007

Acoustic Parameters and Ultrasonic Visualization of Organs and
Tissues of Man and Animals, 32 pp., by I. Ye. El'piner.

RUSSIAN, bk, Ul'trazvuk Fiz Khim i Biolog Deystviye, Moscow,
1963, pp 381-411.

JPRS 22840

Sci-Biol & Med
Jan 64

247, 067

Improvement of Desert Pastures on the Pamirs,
by A. P. Steshenko, ~~2240013005X~~ 13 pp.

RUSSIAN, bk, Uluchshenie Pustynnykh Pastbishch
na Pamire, Stalinabad, 1954. 9099711

OTS 60-51045
PL-480

200,897

Sci - Biol

Jun 62

(NB-5660)

Ultrasound in Medicine by L. D. Rozenberg,
20 pp.

RUSSIAN, per, Ul'trazvuk v Meditsine, No 10,
1960, pp 35-41.

JPRS 7917

Sci - Med

Apr 61

146,670

Ultrasonic Treatment of Industrial Articles,
by S.S. Slobodyannikov.

RUSSIAN, bk, Ul'trazvukovaya Obrabotka Promyshlennykh
Izdeliy, 1958, pp 43-52. CIA 9660822

ATIC MCL 492

Sci - Electr

May 61

12 40198 152,877

Certain Records in Ultra-Acoustics, by
Yu. Ya. Borisov, L. O. Makarov, 4 pp.

Ul' Trazvuk
RUSSIAN, bk, *Ul' Trazvuk y Tekhnika*
Nastoyashchego i Budushchago, 1960, pp 78, 79.
9663458

FTD MCL-1229/1

Sci - electron

171, 856

25 Oct 61

Ultrasonics and Its Industrial Application, by
O. I. Babikov, 230 pp

RUSSIAN, bk, Ul'trazvuk i Yego Primeneniye v
Promyshlennosti, 1958, 260 pp.

Consultants Bureau

Sci - Physics
Oct 59

\$ 9.75

98,706

Ultrasonic Cutting, by L. D. Rosenberg, et al.

RUSSIAN, bk, Ul'trazvukovoe Rezanie, Moscow, 1962, 251 pp.

*CB

Sci

Nov 63

Ultrasonics, by V. M. Fridman, 66 pp.

RUSSIAN, bk, Ul'trazvuk Izdatel'stvo Znaniye,
1960, 48 pp: 9671489

FTD MCL-1298/1

Sci - Phys

16 Nov 61

173.310

Range Improvement in the Desert Zones of
Uzbekistan, by L. Gayevskaya, 49 pp.
RUSSIAN, bk, Uluchsheniye Pastbishch i
Sozdaniye Senokosov v Pustynnoy Zone
Uzbekistana, 1959.
CFSTI TT 69-55076

Sci/Misc
Nov 69

(NY-6692)

The Mentally Retarded Child (Outline of Studies on the Higher Nervous Activity Characteristics of Oligophrenic Children), by A. R. Luriya, 174 pp.

RUSSIAN, bk, Umstvenno Otstalyy Rebenok (Ocherki Izucheniya Osobennostey Vysshey Nervnoy Deyatel'nosti Detey-Oligofrenov)", 1960, pp 1-203.

JPRS 10615

Sci - Med

173,577

Unification of Motor Vehicle and Tractor Engines,
by G. I. Bazylenko, L. A. Nikolayev, 149 pp.

RUSSIAN, bk, Unifikatsiay Avtomobil'nykh i
Traktornykh Dvigatelyey.

ACSI J-7392

FSTC-HT-23-303-70

Sci/Mech
May 70

407,102

Standardization of Containers and Packaging of Food
Products, by I. S. Apakin, N. N. Gribanov, 20 pp.
FOR OFFICIAL USE ONLY
RUSSIAN, bk, Unifikatsiya Tary i Upakovki Prodovol'
stvennykh Tovarov, 1962, pp 3-24. 9696661
FSTC 981-164-155

~~DEK~~

USSR

Econ

May 65

279,585

Universal Automatic Digital Computer URAL-2, unsigned
107e

RUSSIAN, brochure, Universal'naya Avtomaticheskaya
Tsifrovaya Vychislitel'naya Mashina "URAL-2", Akad
Nauk SSR, Vychislitel'nyy Tsentr, 1960, pp 290-297.

9007424

FTD-TT-62-1237

Sci - Engr
Aug 62

Universal Decimal Classification, Abridged
Tables [Excerpts], edited by Ye. I. Shamurin,
22 pp.

RUSSIAN, bk, Universal'naya Desyatichnaya
Klassifikatsiya, Sokrashchennyye Tablitsy, 1962.
JPRS 28366

Sci-Electronics, Engr
Feb 65

273,954

Some Principal Divisions of Soviet Universal
Classification Table, 351 pp.
RUSSIAN, bk, Universal'naya Desyatichnaya
Klassifikatsiya-Sokrashchennyye Tablitsy,
1962.
JPRS 37284

USSR
Sci-Misc
Sept 66

311,070

Universal Assembly Jigs in Mechanical
Engineering, by S. M. Mirzoev.
RUSSIAN, bk, Universal'no-Sbornye Prispobleniya
v Mashinostroenie, 1963, 140 pp.
NLL RTS 31364 (On Loan)

Aug 65

287,211

A Universal Programming Language (ALGOL 60),
by S. S. Lavrov. 180 pp.
RUSSIAN, bk, Universal'nyy Yazyk Programirovaniya
(ALGOL 60), 1964, pp 1-171.
FTD-HT-66-382

Sci/Electronics
Jul 67

331,376

Universal Readjustable Attachments, by N. V.
Mikheyev, A. M. Lepskiy.

RUSSIAN, bk, Universal'nye Perenalazhivayemye
Prisposobleniya, Moscow, 1961, 53 pp.

*FTD-MT-64-128

Sci - Engr
Mar 64

Determination of the Thermodynamic Activities of
Separate Ions, by V. A. Barinovich, et al.

RUSSIAN, per, ~~XXXXXXXX~~ Univ Vestnik, No 1, 1960,
pp 101-105.

Dept of Interior
Tr No 210

~~XX~~ Sci

Jan 63

Studying Reflecting Properties of Certain
Systems, Having a Periodic Structure, by
A. A. Semenov and D. K. Kvavadze,
RUSSIAN, per, Universitet Vestnik Seriya
Matematika Mekhanika Astronomiya Fizika
Khimii, No 1, 1958, pp 107-114.
PI00091466
FTD-TT-65-1273

Sci-
Jan 67

316,844

The Universal Language of Programming, by
S. S. Lavrov.

RUSSIAN, bk, Universal'nyya Yazyk Programmirova-
niya, (algol 60), 1964, pp 1-171.

*FTD-TT-66-382

Sci/Math & Data Proc
Jul 66

Collar-Type Rubber Packings for Shafts Basic D
Dimensions, 3 pp.

RUSSIAN, State Standard, ГОСТ 8752-58-621.762
Uplotheniya Rezinovye Masubetnye dlya Valov,
Osnovniye Razmery, 1958, 5 pp. 9660590

ATIC F-13-1019*/III

Sci - Engr

Doc 60

136, 717

Excercises on Group Theory: An Educational Hand-
book, by E. S. Lyapin,
RUSSIAN, bk, Uprakhneniya po Teorii Grupi, Ucheb-
noe Rukovodstvo, Nauka press.

*CB

USSR
Soc
Jul 66

Guidance of Ballistic Missiles (Chapters 4-5),
by A. M. Zhakov, 60 pp.

RUSSIAN, bk, Upravleniye Ballisticheskimi
Raketami, 1965, pp 1-210.

P100156168-V

FTD-MT-24-304-67

Sci-Missile Technology

Aug 68

362,315

Command Radio Links of Rocket Control Systems,
by A. M. Zhakov, F. A. Pigulevskiy, 29 pp.
RUSSIAN, bk, Upravleniye Ballisticheskimi
Raketami, 1965, pp 211-278. P100245368-V
FTD-MT-24-352-67

Sci-Missile Tech
Oct 68

367.505

SC-12757

8 November 1966

Control of large systems. Methods Materials on the
Creation and Application of Organization Control Systems;
No 1, Principles of Constructing Network Models of Com-
plex Operations, pp 1-19

Upravleniye Bol'shimi Sistemami. Metodicheskiye
Materialy po Sozdaniyu i Primeneniyu Sistem Organizat-
sionnogo Upravleniya. Vyp 1 Printsipy Postroyeniya
Retseynkh Modelay Komplexnykh Operatsii, Moscow, 1966

Russian
DPSR/Sci/Misc(Cybernetics)
TD 11 Nov 1966

21pp

Space Vehicle Control, by K. B. Alekseyev,
G. G. Bebenin, 353 pp.
RUSSIAN, bk, Upravleniye Kosmicheskim
Letatel'nyy Apparatom, Moscow, 1964,
pp 1-402. PI00054267-V
FTD-MT-65-137

Sci - Space Tech
Mar 67

320,057

Problems of Spacecraft Control During Descent in
the Atmosphere, by K. B. Alekseyev.

RUSSIAN, bk. Upravleniye Kosmicheskimi Letatel'nymi
Apparatami, Moscow, Chap X, 1964, pp 397-398.
NASA TTF-9346 (10)

Sci-Aero
Jun 65

281,088

General Purpose Control Machine, the DNIPRO, and
Its Compiler, by Ye. L. Yushchenko, B. N.
Malinovskiy, 241 pp.

RUSSIAN, bk. Upravlyayushchaya Mashina Shirokogo
Naznacheniya "DNIPRO" i Programiruyushchaya
Programma k Ney, 1964, pp 1-280. F100148968-V
FTD-HT-66-102

Sci-Elec
Aug 68

361,800

Raising of Agricultural Plants, by
I. S. Varuntzian, 528 p.
RUSSIAN, bk, Upravlenie Masledstvennost' iu
Sel'skokhozyaistvennykh Rastenii, 1963.
*CFSTI TT 66-51113

USSR
Sci/Agri
Feb 66

Handbook for the Entry of Ships Into Soviet Ports
of the Sea of Japan and Sea of Okhotsk.

RUSSIAN, handbook, Upravleniye Nachal'niks Gidrograf-
icheskoy Sluzhby Voyenno-Morskogo Flota, 1957,
108 pp.

*USACRPAAC, PD
Tr No 99442
(REC 30 Jul 1959)

USSR Japan
~~USSR~~
May 59

87,789

Control of Heredity in Agricultural Crops, by
I. S. Varuntsyan, 535 pp.

RUSSIAN, bk, Upravlenie Nasledstvennost'yu
Sel'skokhozyaistvennykh Rastenii, 1963.

CPSTI TT 66-51113

Sci-Agri
Mar 68

351.930

Fire Control in Motorised Infantry Units,
by A. F. Grechikhin, A. K. Loshchilov, 29 pp.
RUSSIAN, bk, Upravleniye Ognem Motoshtrelkovykh
Podrazdeleniy, Voenizday, 1964.
CIA FDD X-5882

USSR

Mil

Jul 66

396,406

Official Use Only

Missile Guidance, by Yu. Kh. Vernishov, 87 pp-
RUSSIAN, bk, Upravleniye Raketami, Moscow, 1961,
pp 1-78. 9667806

FTD-TT-62-1335

Sci-Space Res
Mar 63

22 3, 662

Rocket Control, by V.P. Petrov, A.A. Sochivko.
207 pp.
USSIA, bk, Upravleniye Raketai, 1963,
pp 1-264. P100513067-V
FTB-T-65-248

Sci/ Missile Technology
Nov 67

332,171

Control of Reaction-Thrust Missiles by G. D.
Kryzenko, 309 pp.

Russian, bk, Upravleniye Reaktivnymi Snaryadami,
Moscow, 1960, pp 1-264. 9688865-V

FTD-TT-62-908

Sci-Aero
Nov 63

241,479

Control of Supersonic Aircraft,
by F. I. Sklyanskiy, 377 pp.
RUSSIAN, bk, Upravleniye Sverkhzvukovogo
Samoleta, 1964, pp 1-388. IR 1901049564
FTD-WT-65-89

Sci-Aeronautics
Jan 67

317,518

The Traction Characteristic of a Diesel Locomotive,
14 pp.

RUSSIAN, per, Upravleniye Teplovozom I Yego
Obsluzhivaniye, 1968, pp 11-22.

DIA LN 813-68

Sci/Mech
Jul 68

361,299

QL1

E78
no. 28

TR

Russia (1923- U. S. S. R.) *Upravlenie po zapovedni-*
kam i okhotnich'emu khoz'yaistvu.

Ways and means of using birds in combating noxious insects; proceedings of conferences held on 25-28 November 1953 and 21-23 December 1954. Edited by L. P. Poznanin. Translated by E. Rosenthal, Moscow, Ministry of Agriculture of the USSR, 1956 (i. e., Jerusalem, Israel Program for Scientific Translations, 1960; available from the Office of Technical Services, Washington,

138 p. illus., diagrs., tables. 25 cm.

Added t. p. in Russian.

Includes bibliographies.

1. Birds, Injurious and beneficial—Congresses. 2. Insects, Injurious and beneficial—
Biological control—Congresses. I.

Poznanin, L. P., ed.

SB995.R813

Library of Congress

ii. Title. (Continued on next card)

61-61057

(1)

Control and Stability in Ship Design, by
K. K. Fedyayevskiy, G. V. Sobolev, 426 pp. (NY-7927)
RUSSIAN, bk, Upravlyayemost Korablya,
Leningrad, 1963, pp 1-375.
JPRS 24547

Sci - Engr
May 64

258, 857

Guided Missiles, by B. V. Lyapunov, 146 pp.

RUSSIAN, bk, Upravlyayemye Snaryady, Moscow, 1956,
138 pp. 653533-V

ATIC F-TS-9461/V

Sci - Space Research
Nov 59

102,409

Guided Missiles, by V. I. Marisov, I. K. Kucharov, 330 pp.

RUSSIAN, bk, Upravlyayemyye Snaryady, 1959, pp 1-303.

JPRS 23032

Qaw
Sci-Eng
Feb 64

248,089

Controlled Thermomuclear Reactions, by I. A.
Artsimovich.

RUSSIAN, bk, Upravlyayemye Termoyadernyye Reaktsii,
1961, 468 pp.

*Oliver & Boyd
per memo from AEC 23/1/62

Jan 62

Mathematical Control Machines, by V. Loskutov,
RUSSIAN, bk, Upravlyayushchiye Matematicheskiye
Mashiny, 410 pp.

Peace Publishers, Moscow

(Available from CIA Library)

Oct 66

312,975

Electrical and Thermoelectrical Phenomena in
Ferromagnetic Materials, by K. P. Belov, 57 pp.

~~RUSSIAN~~, bk, Uprugiye, Teplovyye i Elektricheskiye
Yavleniya v Ferromagnetikakh, Chapter V, Ed Ed,
Moscow, 1957, pp 212-262.

ATC F-43-9837/V

Sci - Phys
Apr 59

85,053